



Substitute for form 1449/PTO (Revised 04/2003)				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/720,662
				Filing Date	November 24, 2003
				First Named Inventor	Moon et al.
				Group Art Unit	1648
				Examiner Name	Lucas, Zachariah
Sheet	1	of	1	Attorney Docket Number	038779/271509
OTHER DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			English Language Translation Attached
32	14	E. Miskovsky et al. Comparative safety and immunogenicity of yeast recombinant hepatitis B vaccines containing S and pre-S2+S antigens, Vaccine 9: 346-350, 1991			
32	15	S. Kuroda et al. Induction of protection level of anti-pre-S2 antibodies in humans immunized with a novel hepatitis B vaccine consisting of M (preS2+S) protein particles (a third generation vaccine). Vaccine 9: 163-169, 1991			
32	16	P.J. Kniskern et al. A candidate vaccine for hepatitis B containing the complete viral surface protein. Hepatology 8: 82-87, 1988			
32	17	D.N. Standring, J.H. Ou, W.J. Rutter. Assembly of viral particles in Xenopus oocytes: pre-surface-antigens regulate secretion of the hepatitis B viral surface envelope particle. Proc. Natl. Acad. Sci. USA 83: 9338-9342, 1986			
32	18	F.V. Chisari, P. Filippi, A. McLachlan, D.R. Milich, M. Riggs, S. Lee, R.D. Palmiter, C.A. Pinkert, R.L. Brinster. Expression of hepatitis B virus large envelope polypeptide inhibits hepatitis B surface antigen secretion in transgenic mice. J. Virol. 60: 880-887, 1986			
32	19	K.C. Cheng, G.L. Smith, B. Moss. Hepatitis B virus large surface protein is not secreted but is immunogenic when selectively expressed by recombinant vaccinia virus. J. Virol. 60: 337-344, 1986			
32	20	J. Hui et al. Expression and characterization of chimeric hepatitis B surface antigen particles carrying pre-S epitopes. J. Biotechnol. 72: 49-59, 1999			

Examiner Signature		Date Considered	6/13/05
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.